17 (a) Use algebra to show that $0.4\dot{3}\dot{6} = \frac{24}{55}$

(2)

(b) Show that $\frac{\sqrt{20} + \sqrt{80}}{\sqrt{3}}$ can be expressed in the form $\sqrt{a}$ where a is an integer.

Show your working clearly.

(3)

(Total for Question 17 is 5 marks)

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